AMENDMENTS TO THE CLAIMS:

If entered, this listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of forming self-aligned, anti-via interconnects in an integrated circuit device comprising:

providing a semiconductor substrate;

depositing a first metal layer overlying said semiconductor substrate;

depositing an etch stop layer overlying said first metal layer wherein said etch stop layer comprises a tungsten containing film;

depositing a second metal layer overlying said etch stop layer;

etching through said second metal layer, said etch stop layer, and said first metal layer to form connective lines;

thereafter etching through said second metal layer to form vias;

thereafter depositing a dielectric layer overlying said vias, said connective lines and said semiconductor substrate wherein said dielectric layer is SiOF

- 20 (fluorinated silica glass), SiOC (C-substituted siloxane),
 amorphous SiC:H, MSQ (methylsilsesquioxane), porous
 materials, PPXC polymer (poly(chloro-p-xylylene), PPXN
 polymer (poly-p-xylylene), or VT-4 (tetrafluoro-pxylylene); and
- polishing down said dielectric layer to complete said self-aligned, anti-via interconnects in the manufacture of the integrated circuit device.
 - 2. (Previously Presented) The method according to Claim 1 wherein said first and second metal layers comprises one of the group of: aluminum, aluminum alloys, tungsten and copper.
 - 3. (Original) The method according to Claim 1 wherein said semiconductor substrate comprises semiconductor devices in and on a silicon substrate covered by an insulating layer.
 - 4. (Canceled)
 - 5. (Canceled)

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- 6. (Original) The method according to Claim 1 wherein said dielectric layer is deposited to a thickness of between about 5,000 Angstroms and 20,000 Angstroms.
- 7. (Previously Presented) The method according to Claim 1 further comprising depositing an anti-reflective coating layer overlying said second metal layer prior to said step of etching through said second metal layer to form connective lines.
- 8. (Previously Presented) The method according to Claim $\underline{1}$ further comprising depositing an anti-reflective coating layer overlying said second metal layer wherein said anti-reflective coating layer comprises titanium nitride (TiN).
- 9. (Currently Amended) A method of forming self-aligned, anti-via interconnects in an integrated circuit device comprising:

providing a semiconductor substrate;

depositing a first metal layer overlying said semiconductor substrate;

depositing an etch stop layer overlying said first metal layer wherein said etch stop layer comprises a tantalum containing film;

depositing a second metal layer overlying said etch stop layer;

etching through said second metal layer, said etch stop layer, and said first metal layer to form connective lines;

thereafter etching through said second metal layer to form vias;

thereafter depositing a dielectric layer overlying said vias, said connective lines and said semiconductor substrate wherein said dielectric layer is SiOF

- 20 (fluorinated silica glass), SiOC (C-substituted siloxane),
 amorphous SiC:H, MSQ (methylsilsesquioxane), porous
 materials, PPXC polymer (poly(chloro-p-xylylene), PPXN
 polymer (poly-p-xylylene), or VT-4 (tetrafluoro-pxylylene); and
- polishing down said dielectric layer to complete said self-aligned, anti-via interconnects in the manufacture of the integrated circuit device wherein said anti-reflective coating layer is a polishing stop.
 - 10. (Previously Presented) The method according to Claim 9

wherein said first metal layer and said second metal layer comprise one of the group of: aluminum, aluminum alloys, tungsten and copper.

- 11. (Original) The method according to Claim 9 wherein said first metal layer is deposited to a thickness of between about 1,000 Angstroms and 10,000 Angstroms.
- 12. (Original) The method according to Claim 9 wherein said second metal layer is deposited to a thickness of between about 3,000 Angstroms and 10,000 Angstroms.
- 13. (Canceled)
- 14. (Canceled)
- 15. (Previously Presented) The method according to Claim 9 wherein said step of etching through said second metal layer to form vias has an endpoint at said etch stop layer.
- 16. (Canceled)
- 17. (Canceled)

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18. (Currently Amended) A method of forming self-aligned, anti-via interconnects in an integrated circuit device comprising:

providing a semiconductor substrate;

depositing a first metal layer overlying said semiconductor substrate;

depositing an etch stop layer overlying said first metal layer wherein said etch stop layer comprises a tantalum containing film;

depositing a second metal layer overlying said first metal layer;

depositing an anti-reflective coating layer comprising titanium nitride (TiN) overlying said second metal layer;

etching through said anti-reflective coating layer,

said second metal layer, said etch stop layer, and said second metal layer to form connective lines;

thereafter etching through said anti-reflective coating layer and said second metal layer to form vias wherein said etch stop layer acts as an etch stop;

thereafter depositing a dielectric layer overlying said vias, said connective lines and said semiconductor

substrate wherein said dielectric layer is SiOF

(fluorinated silica glass), SiOC (C-substituted siloxane),

amorphous SiC:H, MSQ (methylsilsesquioxane), porous

25 materials, PPXC polymer (poly(chloro-p-xylylene), PPXN
polymer (poly-p-xylylene), or VT-4 (tetrafluoro-pxylylene); and

polishing down said dielectric layer to complete said self-aligned, anti-via interconnects in the manufacture of the integrated circuit device wherein said anti-reflective coating layer is a polishing stop.

- 19. (Original) The method according to Claim 18 wherein said first metal layer and said second metal layer comprise one of the group of: aluminum, aluminum alloys, tungsten, and copper.
- 20. (Original) The method according to Claim 18 wherein said first metal layer is deposited to a thickness of between about 1,000 Angstroms and 10,000 Angstroms.
- 21. (Original) The method according to Claim 18 wherein said second metal layer is deposited to a thickness of between about 3,000 Angstroms and 10,000 Angstroms.
- 22. (Canceled)
- 23. (Canceled)